

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**



Serial No. : 10/609,181
Applicants : Mayumi SUGIMOTO et al.
Filed : June 26, 2003
For : METHOD FOR GENE DIAGNOSIS
OF BOVINE Hsp70 DEFICIENCY
Art Unit : 1632
Docket No. : 03279/HG
Customer No.: 01933
Confirmation No.: 1580

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

MAIL STOP SEQUENCE

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS
FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE
SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

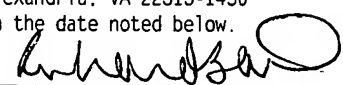
S I R :

This is in response to the NOTICE TO COMPLY WITH
REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE
SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES mailed on
January 30, 2004. A term of two months was set for responding to
said NOTICE.

A copy of said NOTICE is enclosed.

CERTIFICATE OF MAILING

I hereby certify this
correspondence is being
deposited with the United
States Postal Service with
sufficient postage as First
Class mail in an envelope
addressed to:
MAIL STOP SEQUENCE
Commissioner for Patents,
P.O. Box 1450
Alexandria, VA 22313-1450
on the date noted below.


Attorney: Richard S. Barth

Dated: February 3, 2004

In the event that this Paper
is late filed, and the
necessary petition for
extension of time is not filed
concurrently herewith, please
consider this as a Petition
for the requisite extension of
time, and to the extent not
tendered by check attached
hereto, authorization to
charge the extension fee,
or any other fee required
in connection with this
Paper, to Account No. 06-1378.

The NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES required that applicants submit a computer readable form (CRF) and a paper copy of the Sequence Listing and an appropriate Statement under 37 CFR 1.821.

In response to the aforesaid NOTICE, submitted herewith are the following:

- (1) computer readable form and paper copy of the Sequence Listing;
- (2) a STATEMENT UNDER 37 CFR 1.821(f) & (g) of Mayumi SUGIMOTO dated November 4, 2003; and
- (3) a SUPPLEMENTAL STATEMENT UNDER 37 CFR 1.821 (f) & (g) of Richard S. Barth.

It is respectfully submitted that the enclosures submitted herewith serve to comply with the requirements set forth in the aforementioned NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES.

A PRELIMINARY AMENDMENT is being filed concomitantly herewith to include the SEQUENCE LISTING that is appended hereto.

It is respectfully submitted that the application complies with all the requirements of 37 CFR 1.821 to 1.825.

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Respectfully submitted,

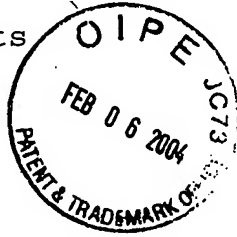


Richard S. Barth
Reg. No. 28,180

- Encs.: (1) Copy of PTO NOTICE dated January 30, 2004
- (2) computer readable form and paper copy of the Sequence Listing
- (3) STATEMENT UNDER 37 CFR 1.821(f) & (g) of Mayumi SUGIMOTO dated November 4, 2003
- (4) SUPPLEMENTAL STATEMENT UNDER 37 CFR 1.821 (f) & (g) of Richard S. Barth dated February 3, 2004
- (5) PRELIMINARY AMENDMENT

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SUPPLEMENTAL STATEMENT UNDER 37 CFR 1.821(f) & (g)


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S I R :

After receiving from the applicants a SEQUENCE LISTING and the accompanying STATEMENT UNDER 37 CFR 1.821 (f) & (g) of Mayumi SUGIMOTO dated November 4, 2003, the undersigned changed "5280" to --5520-- on page 4, line 20 of the SEQUENCE LISTING.

No other changes were made to the SEQUENCE LISTING that was received from the applicants. No new matter was added.

Date: February 3, 2004

By: 
Name: RICHARD S. BARTH
REG. NO. 28,280

Attorney Docket No.: 03279/HG

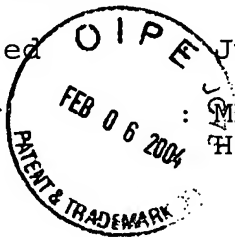
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Hsp70 DEFICIENCY



STATEMENT UNDER 37 CFR 1.821(f)&(g)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

S I R :

Mayumi SUGIMOTO hereby states that:

The Sequence Listing on the enclosed computer readable form (disk) is identical to the Sequence Listing (printout) annexed hereto, and the sequences in said Sequence Listing are identical to the sequences filed with the above-referenced patent application. No new matter has been added.

Date: November 4, 2003

By: 

Mayumi SUGIMOTO